

Amendments to Specification and Drawings:

Please enter the attached Replacement Sheet for sheet 2 (Fig. 2) of the drawings. Fig. 2 has been amended, as required by the Examiner, to show the receptacle 26 for a sensor system, radial extension d_1 and diameter D of the pump tubing, which are features specified in claim 12, 13 and 9. The specification has been amended below to refer to these features in Fig. 2.

Please amend paragraphs [0030] through [0033] of the specification to read as follows:

[0030] The tubing insertion locations 20 and 22 are designed as receivers or recesses as a single piece in the cage 10. The tubing insertion location 20 is designed as a ~~receiver~~ receptacle 26 (see Fig. 2) for a sensor system, for example in the form of a pressure chamber. The ~~tube~~ tubing insertion location 20 is open at the front, i.e. on the front side of the cage 10, whereby this opening is in connection with the gap 18, so that the cage is open on the entire circumference of the pump wheel 6 for accommodating a pump tubing.

[0031] With the cage 10 according to the invention, the insertion of the pump tubing (~~not shown in the Figures~~ shown in part in Fig. 2) into the tubing pump is effected in a manner such that the pump tubing with its pressure chamber is inserted from the front into the first tubing insertion location 20, i.e. in a direction normal to the front plate 2, whereby the tubing with its pressure chamber is fixed in the tubing insertion location 20 with a non-positive or positive fit. Projections are formed in the tubing insertion location behind which the pressure chamber connected to the tubing engages, so that a force transmission in the longitudinal direction of the pump tubing is possible. The pump tubing is subsequently pushed further into the gap 18 and fixed at the second tubing insertion location 22. For this purpose, a suitable fastening element is formed on the pump tubing, and this element engages into the tubing insertion location 22, so that the pump tubing is fixed between the tubing insertion locations 20 and 22 under tension, in a manner such that it wraps around the pump wheel 6 in the gap 18.

[0032] The region between the stationary pump tubing and the rotating pump wheel 6, which entails a high risk of injury, is covered in a protective manner by the protective ring 12. The rear ring 16 covers the region between the front plate 2 and the pump tubing so that the danger of injury is minimized at this location too. The protective ring 12 and the rear ring 16 simultaneously serve for guiding the pump tubing which wraps around the pump wheel 6, so that

any incorrect insertion of the pump tubing and the danger of damage or injury which this entails are ruled out to a great extent. As a ~~entire~~ whole then, a safe operation of a tubing pump designed in an open manner is ensured by way of the cage 10.

[0033] Figure 2 shows a perspective detailed view of the cage 10. Proceeding from the region of the cage 10 in which the tubing insertion locations or tubing position locations 20 and 22 are formed, the protective ring 12 and the rear ring 16 extend parallel to and spaced from one another. The protective ring 12 and the rear ring 16 enclose a recess in the form of a circular through hole 24, which is designed for accommodating the pump wheel 6. The continuous gap 18, which is open to the hole 24 and to the outside, runs between the rear ring 16 and the protective ring 12. The opening of gap 18 to the outside extends into the tubing insertion location 22. The rear ring 16 is spaced from the protective ring 12 by an amount d_2 at least equal to the diameter D of the pump tubing to be inserted. In addition, the protective ring 12 has a radial extension d_1 at least equal to the diameter D of the pump tubing.